## Amendments to the Claims

The listing of claims presented below replaces all prior versions, and listings, of claims in the application.

## Listing of claims:

1-10. (canceled)

11. (currently amended) A liquid crystal display comprising a ferroelectric liquid crystal sandwiched between two substrates,

wherein an electrode and a photo alignment layer are each successively formed on opposite faces of the two substrates facing each other;

wherein a constituent material of the respective photo alignment layer is a photoreactive material which generates a photoreaction to give anisotropy to the photo alignment layer; and

the constituent material of the respective photo alignment layer has a different composition from each other with the ferroelectric liquid crystal sandwiched therebetween; and

wherein the ferroelectric liquid crystal is a liquid crystal; having no smectic A phase in a phase series thereof, exhibiting mono-stability and undergoing half-V-shaped driving; and

further wherein the ferroelectric liquid crystal forms mono-domain alignment in a liquid crystal layer.

12. (previously presented) The liquid crystal display according to claim 11, wherein the photoreaction is a photo-dimerization reaction or a photo decomposition reaction.

13. (previously presented) The liquid crystal display according to claim 11, wherein the photoreactive material comprises a photo-dimerization-reactive compound having a radical-polymerizable functional group and dichroism that different

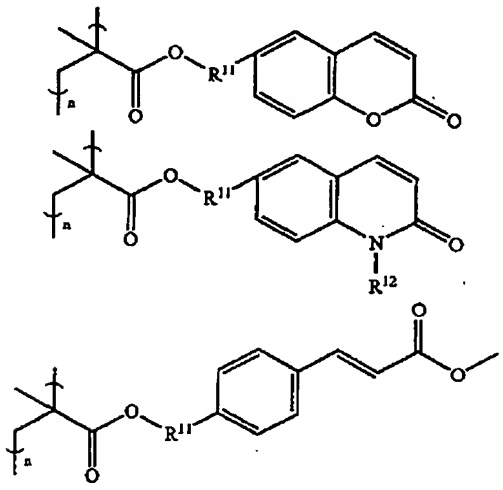
absorptivities are exhibited depending on a polarization direction thereof.

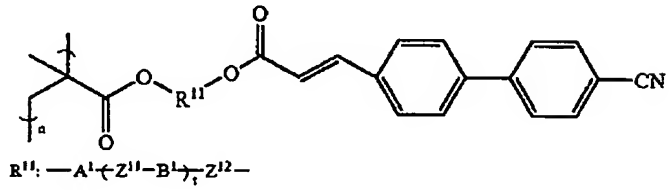
14. (previously presented) The liquid crystal display according to claim 12, wherein the photoreactive material comprises a photo-dimerization-reactive compound having a radical-polymerizable functional group and dichroism that different absorptivities are exhibited depending on a polarization direction thereof.

15. (previously presented) The liquid crystal display according to claim 13, wherein the photo-dimerization-reactive compound is a dimerization-reactive polymer containing, as its side chain, any one of cinnamic acid ester, coumarin, and quinoline.

16. (previously presented) The liquid crystal display according to claim 14, wherein the photo-dimerization-reactive compound is a dimerization-reactive polymer containing, as its side chain, any one of cinnamic acid ester, coumarin, and quinoline.

17. (previously presented) The liquid crystal display according to claim 13, wherein the photo-dimerization-reactive compound is at least one selected from dimerization-reactive polymers represented by the following formulae:





$R^{11}$: $—A^1—(Z^{11}—B^1)_t—Z^{12}—$

in which $A^1$ and $B^1$: 1,4-phenylene, a covalent single bond, pyridine-2,5-diyl, pyrimidine-2,5-diyl, 1,4-cyclohexylene or 1,3-dioxane-2,5-diyl;

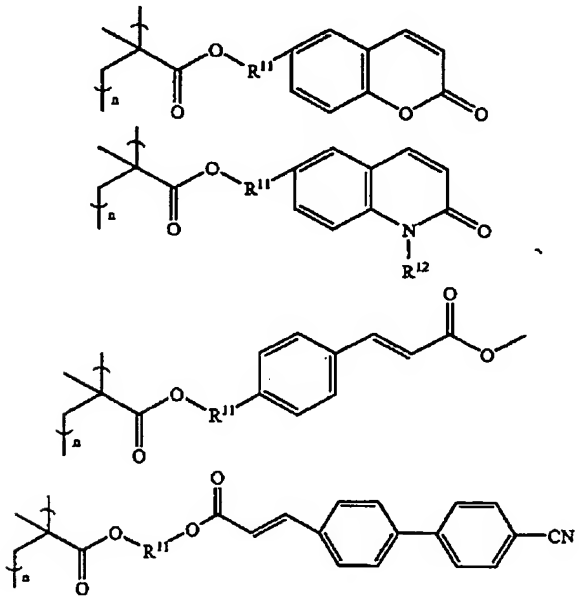
$Z^{11}$ and $Z^{12}$: $—CH_2—CH_2—$, —COO—, —OOC—, or a covalent single bond;

t: an integer of 0 to 4;

$R^{12}$: a lower alkyl; and

n: an integer of 4 to 30,000.

18. (previously presented) The liquid crystal display according to claim 15, wherein the photo-dimerization-reactive compound is at least one selected from dimerization-reactive polymers represented by the following formulae:



$R^{11}$: $-A^1-(Z^{11}-B^1)_t-Z^{12}-$

in which $A^1$ and $B^1$: 1,4-phenylene, a covalent single bond, pyridine-2,5-diyl, pyrimidine-2,5-diyl, 1,4-cyclohexylene or 1,3-dioxane-2,5-diyl;

$Z^{11}$ and $Z^{12}$: $-CH_2-CH_2-$, $-COO-$, $-OOC-$, or a covalent single bond;

t: an integer of O to 4;

$R^{12}$: a lower alkyl; and

n: an integer of 4 to 30,000.

19. – 22. (cancelled)

23. (previously presented) The liquid crystal display according to claim 11, wherein the ferroelectric liquid crystal is a liquid crystal which constitutes a single phase.

24. (previously presented) The liquid crystal display according to claim 12, wherein the ferroelectric liquid crystal is a liquid crystal which constitutes a single phase.

25. (previously presented) The liquid crystal display according to claim 11, wherein the liquid crystal display is driven by an active matrix system using a thin film transistor.

26. (previously presented) The liquid crystal display according to claim 12, wherein the liquid crystal display is driven by an active matrix system using a thin film transistor.

27. (previously presented) The liquid crystal display according to claim 11, wherein the liquid crystal display is displayed by a field sequential color system.

28. (previously presented) The liquid crystal display according to claim 12, wherein the liquid crystal display is displayed by a field sequential color system.